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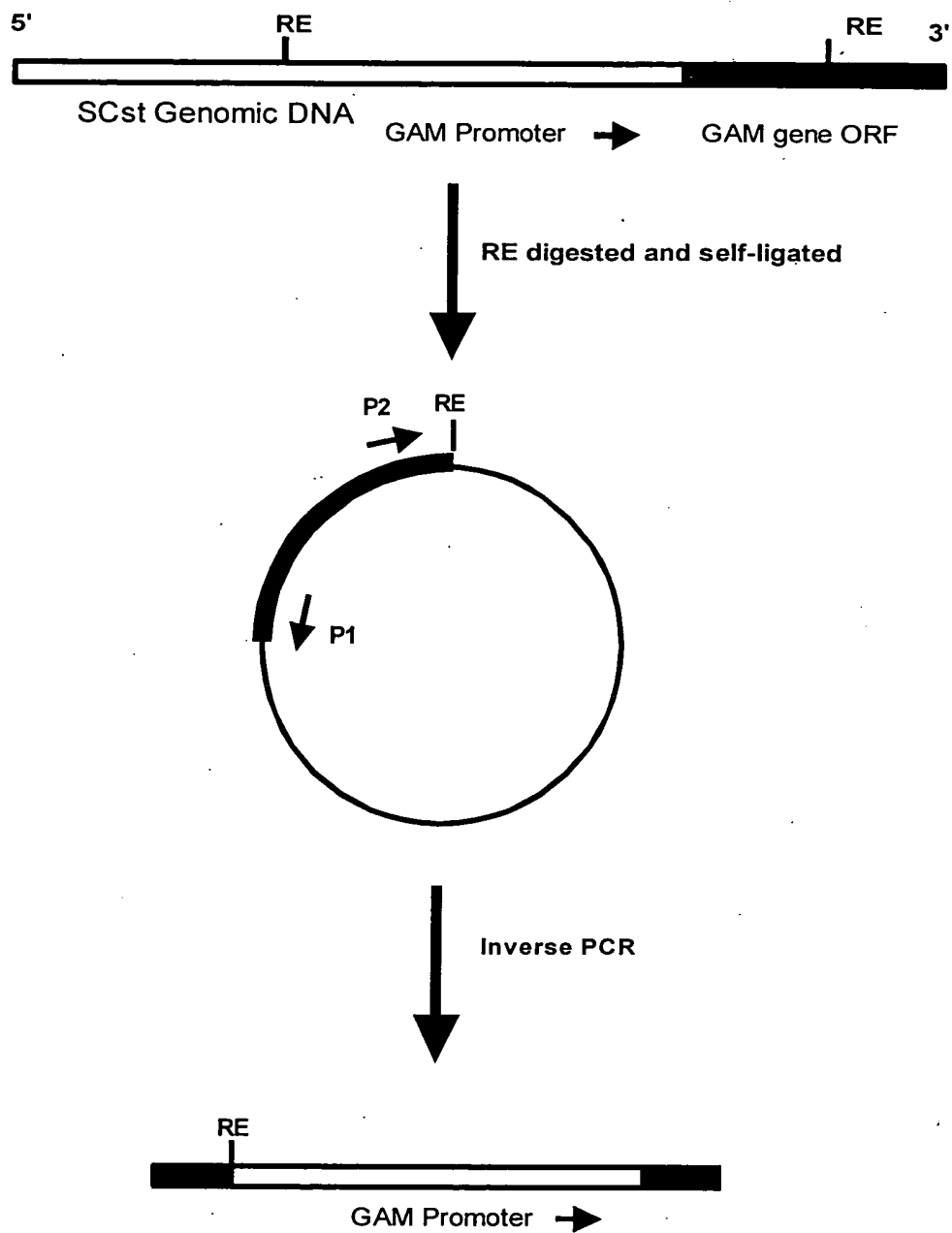


FIG. 1

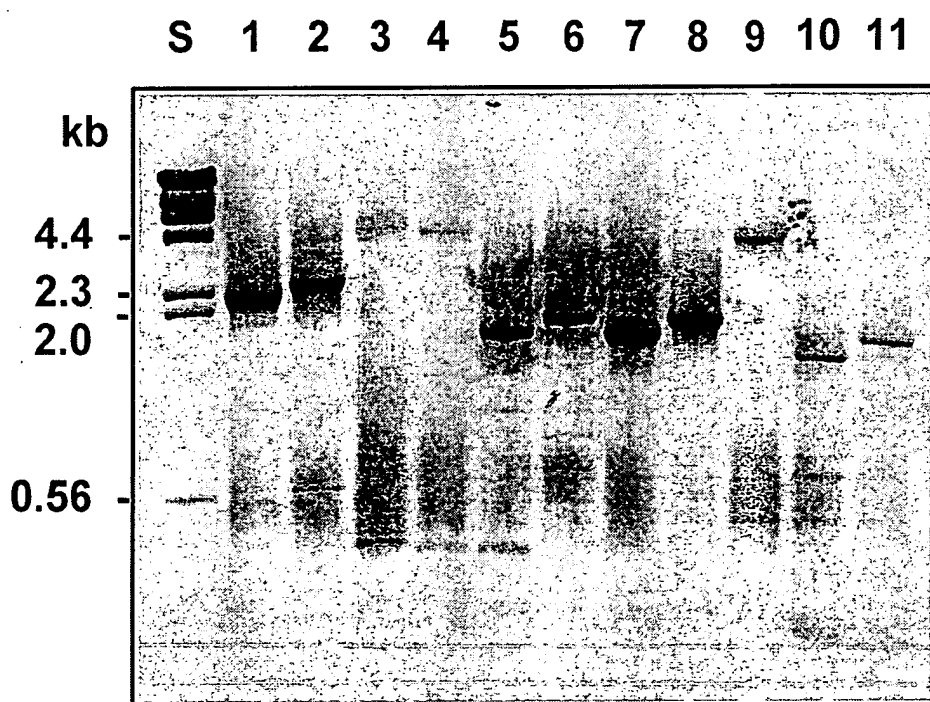


FIG. 2

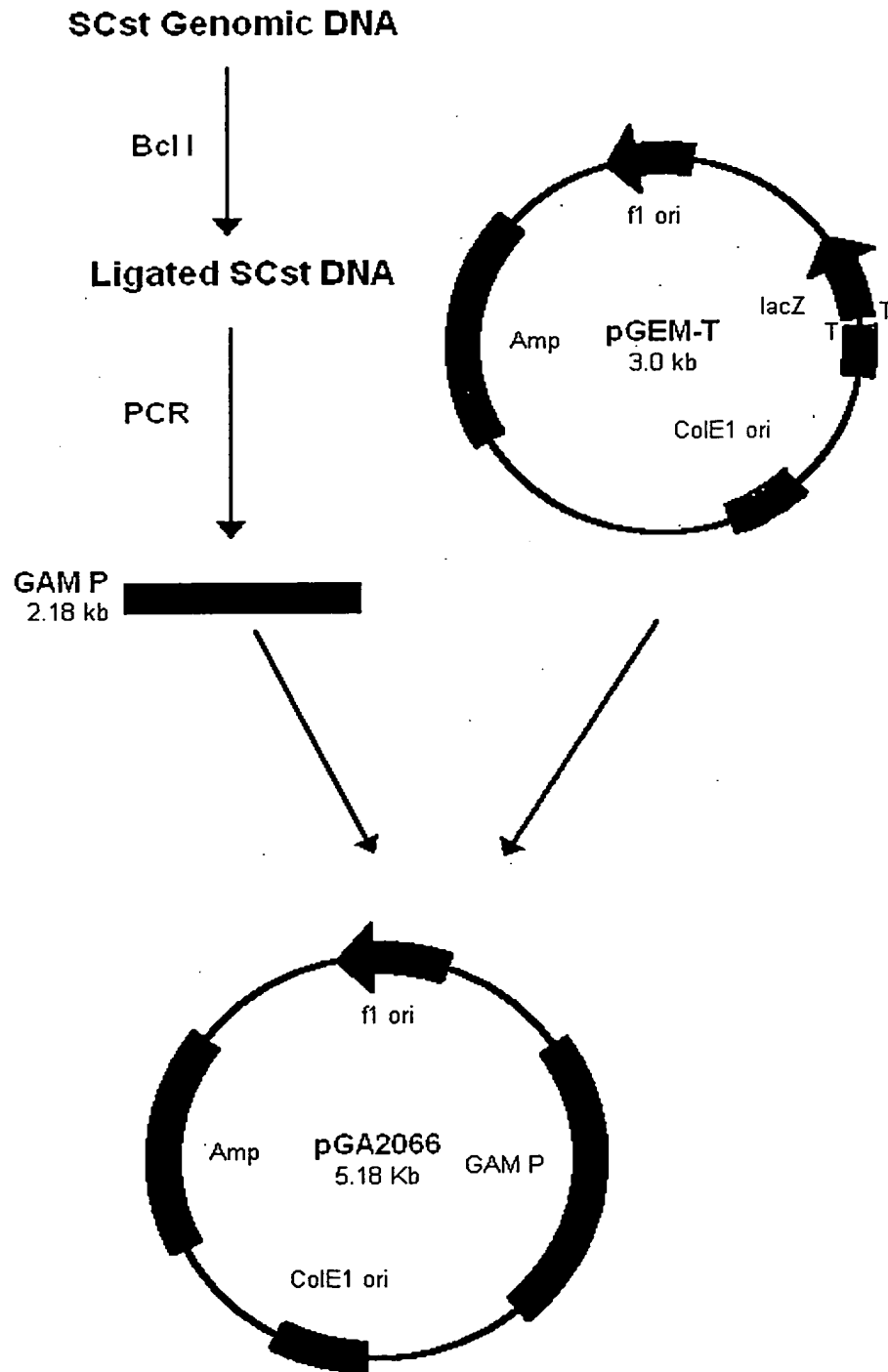


FIG. 3

1 tgatcatcttgaagttaaataccaagttattcaagtaatttaaagttgaataatgtagtta 60
 61 tttcagtggccttaaaccagtcacatcgagacgacttcagcctcttcgagaccacaaggtt 120
 5 121 cgtttaataaggaaatgaatagaatcacctggagatattcgagccattaatactatcaa 180
 181 gtgaaaatcctgaagaaaaattaattgcaagatTTTTgactaatagtaaaggtagtgaac 240
 241 atgaaagtggatttcaagttaaatTTTTgattaatgatcctccactgaaatTTTctaagg 300
 10 301 ctttatatTTTtgatgatgaatcaacagaggttccttgtgtaaggaaatcttattagtggaa 360
 361 gctacagcagtcattcttaacatgattaatgtctagatttattggttatttaggcattc 420
 15 421 TTTTTTTTaaatatTTTTTgttaatatcttTgagtttatgtTTTTTgttcgTTTTatct 480
 481 tttaaagtagtgtttatagtttttagtattgttaacctTTTTTcctaaatgttagtatgc 540
 541 atgcttaaaatgatgtcagaggtagagtatgaattaattcctTTTataaatgctgttttg 600
 20 601 tgagatctTTTtaaattatctatcttTctctTTTaaaggatatgttttgatttctgattga 660
 661 tttgagttccaacgacaatcgaatgtattcatatagtagttactaccttaaacacaatcc 720
 25 721 agatggTTTaaaccaactgatgcctaagtttcatgtgtgtctctTaaacatcctTTTgtc 780
 781 ttcaaatttcaatgccattagttcacatgtatatacgccaagagagttttgtgaccaact 840
 841 tacatttactagcaagtattatctacaaagcaaaaattacgacatatttTgtgttgatcc 900
 30 901 atcaactgtggacacgaataacaagttcccaggattcctaattattcaactgccagataa 960
 961 ataacatatatccaaaggttcaacattatttaccaaattcaaagttggattttgttaaatt 1020
 35 1021 ggaatgacaatagaaattgggtgggtttatgtgcaaaagaatctaattttgcatatattt 1080
 1081 tcgtaaacttcaattcctaaaatcttgcgaaacttctcttttagaggaaattggttccatt 1140
 1141 ctaccttctatcaaactactccaaatacaagcggcttaaaatctacatgtaaatacctta 1200
 40 1201 ctgttacaattattctcccttgaattgaccaacctgaccatgaaacctTTTtggaatcag 1260
 1261 cctattttacactaataatTTTTatcctaagtgccatggaagctattatataagttttacc 1320
 45 1321 agtgagagaggatcttgacttgacgaacaacatttcaactagaatgctctatatcttccct 1380
 1381 ccgggaaaagcggcgcgtaccatttgTTTTtacctctcaccatcacaaaagtgccattca 1440
 1441 acggattttTgtccgcatctctcggtaaaatgtgttctcgaaatgtgccttattgccaa 1500
 50 1501 aaaataaaaaataaaaaataatgtgggggtggcatccttcaactgtcggatttattgcg 1560
 1561 taatagatttcaatcaacatgatcttaatccatactggcttatgtctcttagaggctta 1620
 55 1621 tctcttaataattttattatataatctattctaactattgaaaaactattgaatatgcttt 1680

FIG. 4

09921944-080201

1681 aaaactggctatgctgtatttgacttctcaatgcaaaattcaacacttctataatgtaac 1740
1741 acactaaaaatttttcagaatcggaatagtcgagacaattgattttccgaactattgcga 1800
5 1801 aatccaatggagcaacaatgagagatctacattttaaaccccagtctactccagatattg 1860
1861 gagtataaccccattcttaccgttatatccatgacccgcacgaaattttcaaaggattt 1920
1921 cgaggaaattctttcctaaaaatacgaagtgttattgggtgattcaattactacggaaacta 1980
10 1981 ctccattatggatgtagagttgggtgaatgtagcgcaattgtaatttgcaagttatagta 2040
2041 atagtttggcaaaactggagaatttttcattattgggaaaaatataaataaaggcaagtatc 2100
15 2101 cattgaaattttaaaaatgaactcatgactgtattataacaagcaagATGatttttctga 2160
2160 agctgattaaaagtatagtaat 2182

FIG. 4 (Continued)

20
GAM77: 1823 agatctacattttaaaccccagtctactccagatattggagtataaccccattcttaccg 1882
|||||
GAM76: 1 agatctacattttaaaccccagtctactccagatattggagtataaccccattcttaccg 60
25
GAM77: 1883 ttatatccatgacccgcacgaaattttcaaaggatttcgaggaaattctttcctaaaaat 1942
|||||
GAM76: 61 ttatatccatgacccgcacgaaattttcaaaggatttcgaggaaattctttcctaaaaat 120
30
GAM77: 1943 acgaagtgttattgggtgattcaattactacggaaactactccattatggatgtagagttg 2002
|||||
GAM76: 121 acgaagtgttattgggtgattcaattactacggaaactactc--ataggtagtagagttg 178
35
GAM77: 2003 gtgaatgtagcgcaattgtaatttgcaagttatagtaatagtttggcaaaactggagaat 2062
|||||
GAM76: 179 gtgaatgtagcgcaattgtaatttgcaagttatagtaatagtttggcaaaactggagaat 238
GAM77: 2063 ttttcattattgggaaaaatataaataaaggcaagtatccattgaaattttaaaaatgaac 2122
|||||
40 GAM76: 239 ttttcattattgggaaaaatataaataaaggcaagtatccattgaaatttt-aaaaatgaac 297
GAM77: 2123 tcatgactgtattataacaagcaagATG 2150
|||||
GAM76: 298 tcatgactgtattataacaagcaagATG 325
45

FIG. 5

55

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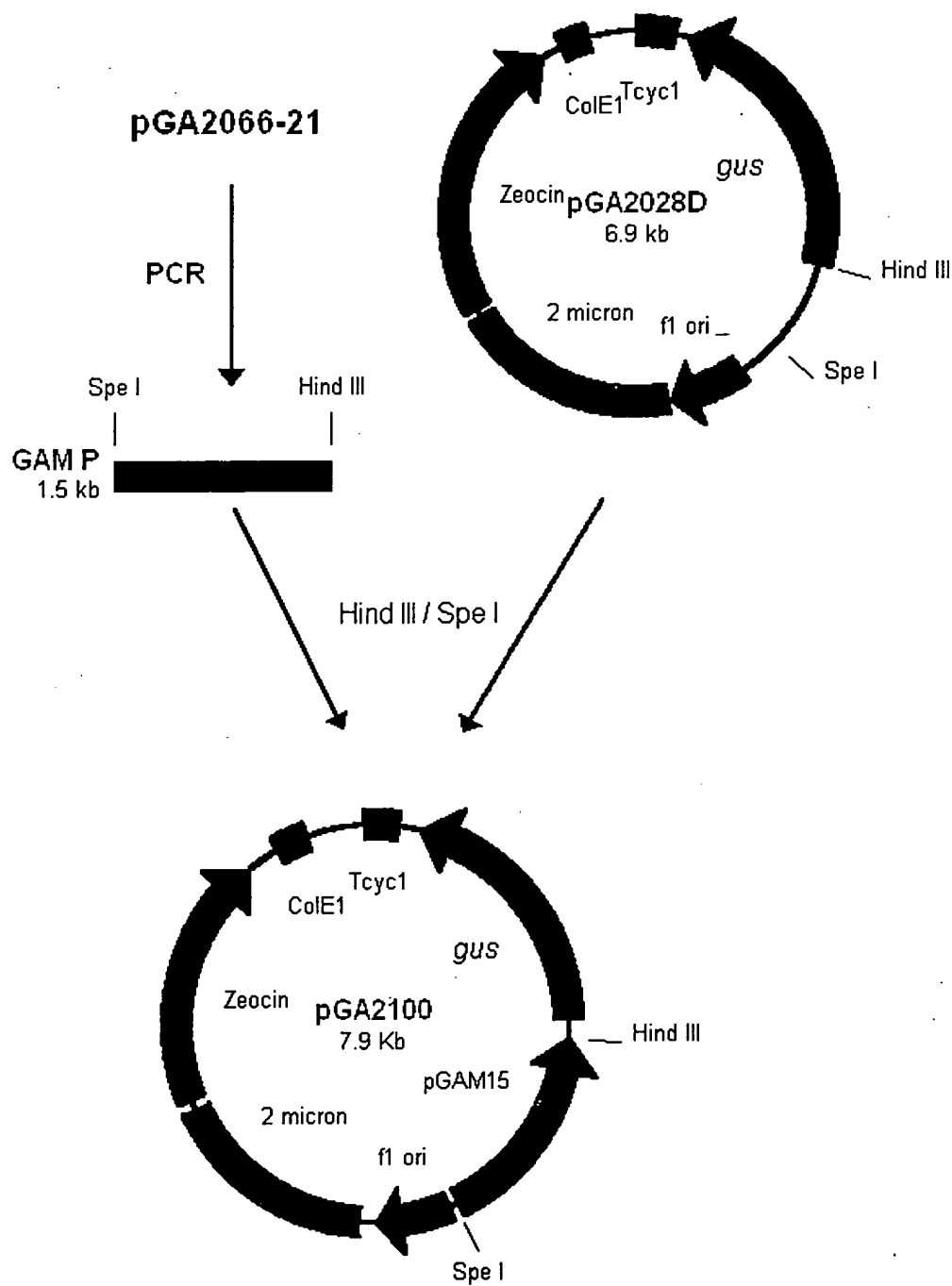


FIG. 6

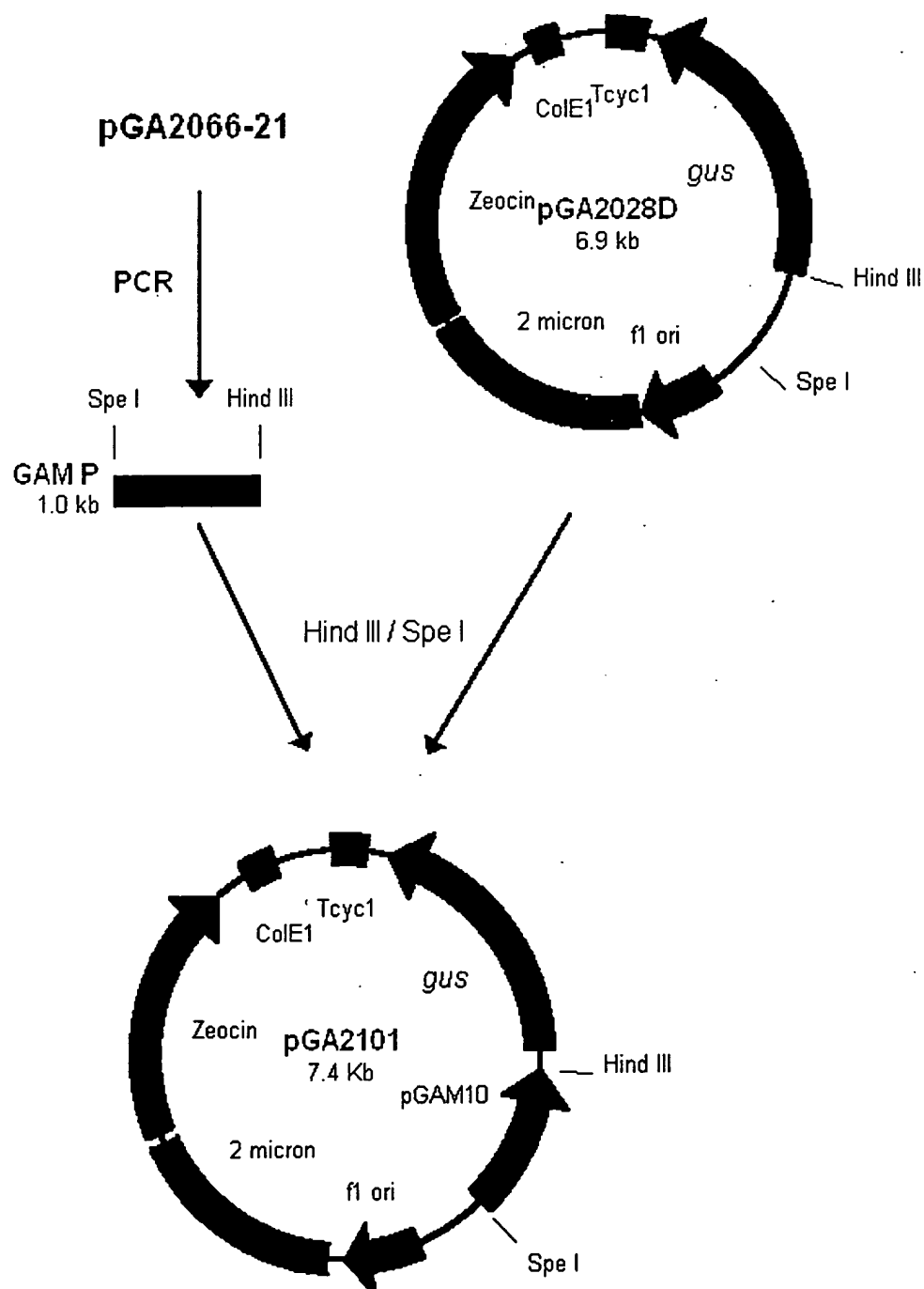


FIG. 7